

TECHNOLOGY REPORT

Marshall Electronics, Inc.

1910 East Maple Av, El Segundo, CA 90245 USA

TEL : 310-333-0606

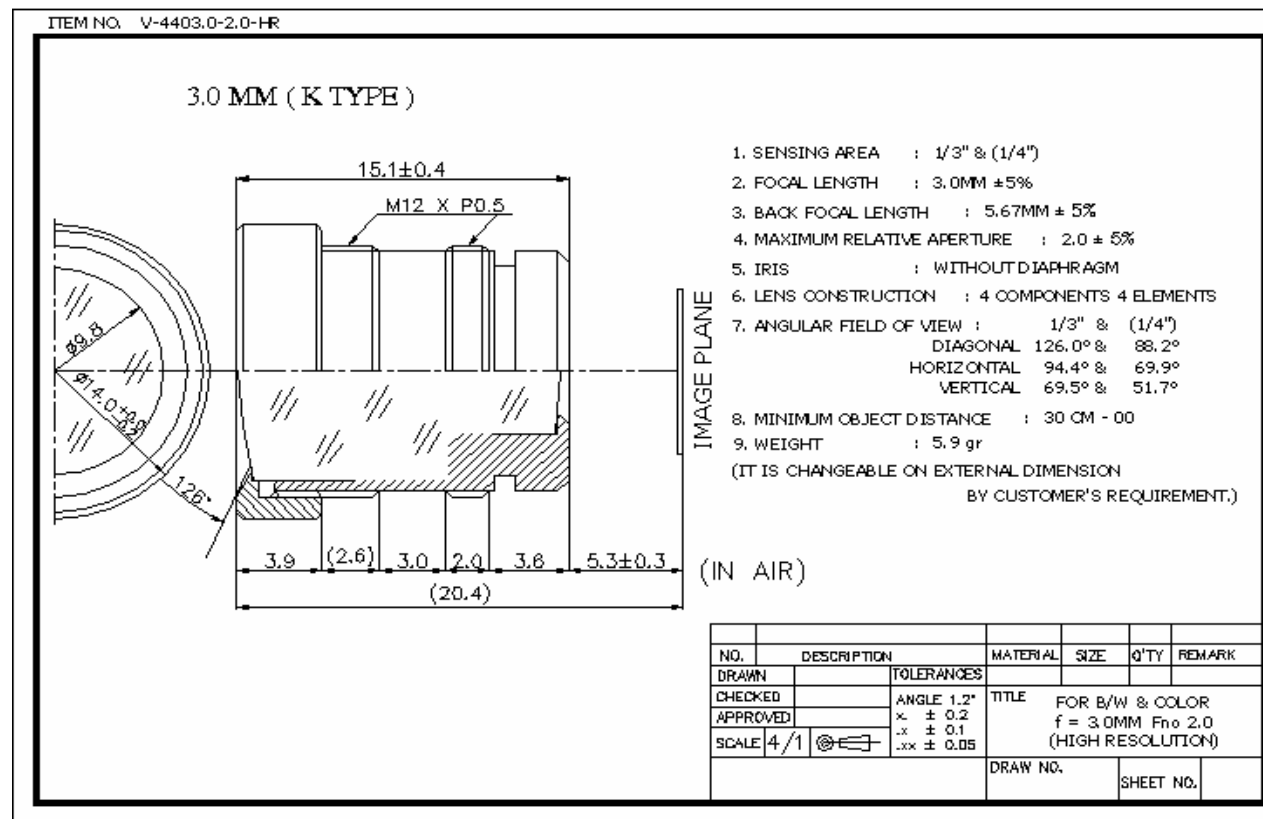
FAX : 310-333-0688

Website: www.mars-cam.com

Email: sales@mars-cam.com

V-4403.0-2.0-HR Lens 3.0mm F2.0 High Resolution CCTV Lens

Specification Data Sheet



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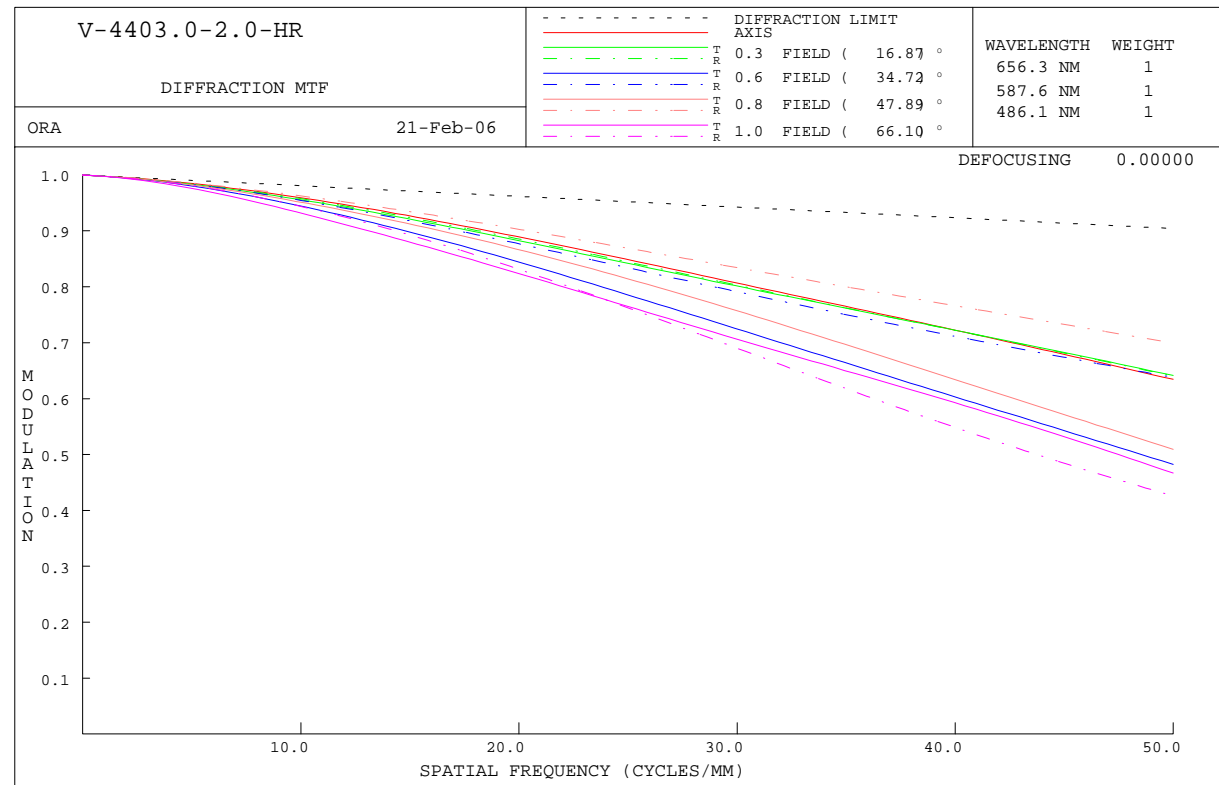
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MTF (modulation transfer function)



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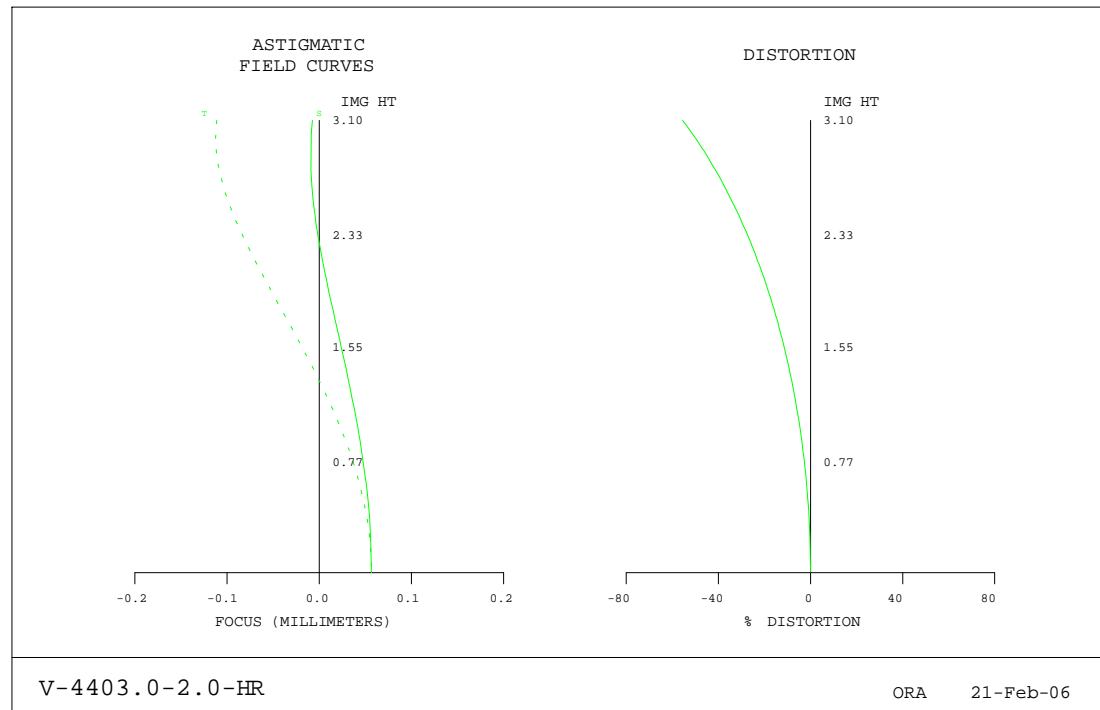
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Optical Distortion



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ROTATIONALLY SYMMETRIC FIELD ABERRATIONS

POSITION 1 V-4403.0-2.0-HR

WAVELENGTH 587.6 NM

RELATIVE FIELD HEIGHT	IMG HT	X-FOCUS AT THE IMAGE SURFACE	Y-FOCUS	X-FOCUS (DISPLACED BY 0.000000)	Y-FOCUS	DISTORTION (PER CENT)
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0.00	0.00	0.056690	0.056690	0.056690	0.056690	0.00000
0.10	0.31	0.055179	0.053294	0.055179	0.053294	-0.44101
0.20	0.62	0.050741	0.043293	0.050741	0.043293	-1.77312
0.30	0.93	0.043673	0.027231	0.043673	0.027231	-4.02454
0.40	1.24	0.034479	0.006039	0.034479	0.006039	-7.24544
0.50	1.55	0.023886	-0.018925	0.023886	-0.018925	-11.51369
0.60	1.86	0.012870	-0.045809	0.012870	-0.045809	-16.94481
0.70	2.17	0.002676	-0.072164	0.002676	-0.072164	-23.70985
0.80	2.48	-0.005177	-0.094776	-0.005177	-0.094776	-32.06881
0.90	2.79	-0.008975	-0.109470	-0.008975	-0.109470	-42.43971
1.00	3.10	-0.007256	-0.110988	-0.007256	-0.110988	-55.56430

Units of focus are MILLIMETERS